OCT 1 5 2002

DECLARATION UNDER 42 U.S.C. § 2182

TECH CENTER 1600/2900

e, the undersigned inventors, hereby declare and state as follows:

1. We made and conceived the inventions described and claimed in the patent applications listed below:

Application Number	Filing Date	Application Number Fi	-
09/757,025	1/9/01	09/758,467	1/11/01
09/757,026	1/9/01	09/758,468	1/11/01
09/757,027	1/9/01	09/758,469	1/11/01
09/757,028	1/9/01	09/758,470	1/11/01
09/757,029	1/9/01	09/758,471	1/12/01 10/
09/757,030	1/9/01	09/758,472	1/11/09
09/757,031	1/9/01	09/758,473	1/11/01/9/5
09/757,032	1/9/01	09/758,474	1/11/01
09/757,033	1/9/01	09/758,475	1/11/01 1/11/01 1/11/01 1/11/01 1/11/01 1/11/01 1/11/01 1/11/01 1/11/01 1/11/01
09/757,034	1/9/01	09/760,443	1/16/01
09/758,436	1/11/01	09/760,444	1/16/01
09/758,437	1/11/01	,	1/16/01
09/758,438	1/11/01		1/16/01
09/758,439	1/11/01		1/16/01
09/758,440	1/11/01		1/16/01
09/758,441	1/11/01		1/16/01
09/758,442	1/11/01		1/16/01
09/758,443	1/11/01		1/16/01
09/758,444	1/11/01		1/16/01
09/758,445	1/11/01	,	1/16/01
09/758,446	1/11/01		1/16/01
09/758,447	1/11/01		1/16/01
09/758,448	1/11/01		1/16/01
09/758,449	1/11/01		1/16/01
09/758,450	1/11/01	•	1/16/01
09/758,451	1/11/01	•	1/16/01
09/758,452	1/11/01		1/16/01
09/758,453	1/11/01		1/16/01
09/758,454	1/11/01	7 10	1/16/01
09/758,455	1/11/01	09/760,463	1/16/01
09/758,456	1/11/01		1/16/01
09/758,457	1/11/01	05/700,405	1/16/01
09/758,458	1/11/01	09/760,466	1/16/01
09/758,459	1/11/01	09/760,465 09/760,466 09/760,467 09/760,468	1/16/01
09/758,460	1/11/01	09/760,468	1/16/01
09/758,461	1/11/01		1/16/01
09/758,462	1/11/01		1/16/01
09/758,463	1/11/01	• • • • • •	1/16/01
09/758,464	1/11/01		1/16/01
09/758,465	1/11/01		1/16/01
09/758,466	1/11/01	09/760,474	1/16/01



Application Number	Filing Date	Application Number	Filing Date
09/760,475	1/16/01	. 09/764,867	1/17/01
09/760,476	1/16/01	09/764,868	1/17/01
09/760,477	1/16/01	09/764,869	1/17/01
09/760,478	1/16/01	09/764,870	1/17/01
09/760,479	1/16/01	09/764,871	1/17/01
09/760,480	1/16/01	09/764,872	1/17/01
09/760,481	1/16/01	09/764,873	1/17/01
09/760,482	1/16/01	09/764,874	1/17/01
09/760,483	1/16/01	09/764,875	1/17/01
09/760,484	1/16/01	09/764,876	1/17/01
09/760,485	1/16/01	09/764,877	1/17/01
09/760,486	1/16/01	09/764,878	1/17/01
09/760,487	1/16/01	09/764,879	1/17/01
09/760,488	1/16/01	09/764,881	1/17/01
09/760,489	1/16/01	09/764,882	1/17/01
09/760,490	1/16/01	09/764,883	1/17/01
09/760,491	1/16/01	09/764,884	1/17/01
09/760,492	1/16/01	09/764,885	1/17/01
09/760,493	1/16/01	. 09/764,886	1/17/01
09/760,494	1/16/01	09/764,887	1/17/01
09/760,495	1/16/01	09/764,888	1/17/01
09/760,496	1/16/01	09/764,889	1/1.7/01
09/760,497	1/16/01	09/764,890	1/17/01
09/760,498	1/16/01	09/764,891	1/17/01
09/764,845	1/17/01	09/764,892	1/17/01
09/764,846	1/17/01	09/764,893	1/17/01
09/764,847	1/17/01	09/764,894	1/17/01
09/764,848	1/17/01	09/764,895	1/17/01
09/764,849	1/17/01	09/764,896	1/17/01
09/764,850	1/17/01	09/764,897	1/17/01
09/764,851	1/17/01	09/764,898	1/17/01
09/764,852	1/17/01	09/764,899	1/17/01
09/764,853	1/17/01	09/764,900	1/17/01 1/17/01
09/764,854	1/17/01	99/764,901 09/764,902	1/17/01
09/764,855	1/17/01	09/764,901 09/764,902 09/764,903	1/17/01
09/764,856	1/17/01	97/764,903 09/764,904	1/17/01
09/764,857	1/17/01	09/764,902 09/764,903 09/764,904 09/764,905 09/989,442	1/17/01
09/764,858	1/17/01	09/764,903	11/21/01
09/764,859	1/17/01	09/989,442	2/11/02
09/764,860	1/17/01	09/764,900 09/764,901 09/764,902 09/764,903 09/764,904 09/764,905 09/989,442 10/072,326 10/072,349	2/11/02
09/764,861	1/17/01	10/072,349	2/11/02 2/14/02
09/764,862	1/17/01	10/073,803	2/14/02
09/764,863	1/17/01 1/17/01	10/073,883	2/14/02
09/764,864		10/073,912	2/14/02
09/764,865	1/17/01	10/073,901	2/14/02
09/764,866	1/17/01	10/0/3,7/7	2/17/02

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10/074,005	2/14/02	J	10/143,982	5/14/02
10/074,024	2/14/02		10/144,132	5/14/02
10/074,045	2/14/02		10/144,702	5/15/02
10/074,095	2/14/02		10/144,793	5/15/02
10/079,854	2/22/02		10/144,819	5/15/02
10/079,900	2/22/02		10/144,850	5/15/02
10/079,905	2/22/02		10/144,860	5/15/02
10/079,979	2/22/02	•	10/152,588	5/23/02
10/080,090	2/22/02		10/152,679	5/23/02
10/080,110	2/22/02		10/152,734	5/23/02
10/080,129	2/22/02		10/152,780	5/23/02
10/080,254	2/22/02		10/152,975	5/23/02
10/091,391	3/7/02		10/153,088	5/23/02
10/091,414	3/7/02		10/158,034	5/31/02
10/091,438	3/7/02		10/158,057	5/31/02
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10/091,483	3/7/02		10/162,749	6/6/02
10/091,504	3/7/02		10/162,758	6/6/02
10/091,526	3/7/02	-	10/162,768	6/6/02
10/091,548	3/7/02		10/162,778 10/162,801	6/6/02
10/091,572	3/7/02		10/200,537	7/23/02
10/092,154	3/7/02		10/200,337	7/24/02
10/092,256	3/7/02 3/7/02		10/201,109	7/24/02
10/092,302	3/7/02		10/201,233	7/24/02
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10/092,400	3/22/02		10/201,313	7/26/02
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10/137,515	5/3/02	1VE 2002	10/211,364	8/5/02
10/137,757	5/3/02	60 × H	10/211,625	8/5/02
10/143,775	5/14/02	RECEIVED NOV 0 1 2002 GROUP 3600	10/211,725	8/5/02
10/143,788	5/14/02	-	10/211,798	8/5/02
10/143,877	5/14/02		10/211,818	8/5/02
10/143,883	5/14/02		10/212,054	8/6/02
10/143,899	5/14/02		10/212,059	8/6/02
10/143,906	5/14/02		10/212,072	8/6/02
10/143,922	5/14/02		10/212,083	8/6/02

Application Number	Filing Date	Application Number	Filing Date
10/212,160	8/6/02	10/217,623	8/14/02
10/212,215	8/6/02	10/217,648	8/14/02
10/212,759	8/7/02	10/217,651	8/14/02
10/212,760	8/7/02	10/219,913	8/16/02
10/212,778	8/7/02	10/219,917	8/16/02
10/212,872	8/7/02	10/219,925	8/16/02
10/213,068	8/7/02	10/219,971	8/16/02
10/213,073	8/7/02	10/222,016	8/16/02
10/216,245	8/12/02	10/222,020	8/16/02
10/216,281	8/12/02	10/222,023	8/16/02
10/216,364	8/12/02	10/222,809	8/19/02
10/216,388	8/12/02	10/222,837	8/19/02
10/216,428	8/12/02	10/222,860	8/19/02
10/216,436	8/12/02	10/222,887	8/19/02
10/216,464	8/12/02	10/222,911	8/19/02
10/216,583	8/12/02	10/222,927	8/19/02
10/216,893	8/13/02	10/222,939	8/19/02
10/217,467	8/14/02	10/223,002	8/19/02
10/217,487	8/14/02	10/223,026	8/19/02
10/217;489	8/14/02	10/227,425	8/26/02
10/217,504	8/14/02	10/227,577	8/26/02
10/217,541	8/14/02	10/223,026 10/227,425 10/227,577 10/227,582 10/227,645	8/26/02
10/217,550	8/14/02		8/26/02
10/217,573	8/14/02	30/231,256 10/231,351	8/30/02
10/217,604	8/14/02	10/231,351	8/30/02
10/217,607	8/14/02	0	

- 2. We made and conceived the above inventions while employed by Human Genome Sciences, Inc. The above inventions are related to the work we are/were employed to perform and were made within the scope of our employment duties. To the best of our knowledge, the above inventions were made during working hours and with the use of facilities, equipment, materials, funds, information, and services of Human Genome Sciences, Inc.
- 3. To the best of our knowledge, the above inventions were <u>not</u> made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors Energy Research and Development Administration or the Department of Energy.
- 4. We declare further that all statements made herein of our own knowledge are true, and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor One:	Craig A. Rosen	Citizen of:	<u>USA</u>
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Signature:	han ham	Date:	9/22/02
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Residence:	19/4/20 Pyrite Lane, Brookeville, Marylan	nd	
Signature:	Mutthe	Date:	9/25/02
C			
Inventor Three:	Steven C. Barash	Citizen of:	USA
Residence:	111 Watkins Pond Blvd. #301, Rockville	. Maryland	
Signature:	She Bank	Date:	9/26/02
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